

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Thomas A. Dye; Manual J. Alvarez II; Peter D. Geiger  
Assignee: Interactive Silicon, Inc.  
Title: Bandwidth Reducing Memory Controller Including Scalable Embedded Parallel Data Compression And Decompression Engines  
Serial No.: 09/239,659 Filing Date: 1/29/99  
Examiner: Hong Chong Kim Group Art Unit: 2187  
Docket No.: 40532-P001M4P1  
(f/k/a 5143-01700)

Dallas, Texas  
June 6, 2003

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR § 1.97(c) WITH FEE**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of these documents shall not be construed as:

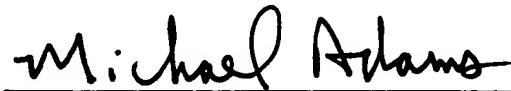
1. an admission that the documents are necessarily prior art with respect to the instant invention;
2. a representation that a search has been made, other than as described above; or
3. an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

These documents include documents that were cited in patent(s) and/or patent application(s) related to the present patent application.



I have enclosed a firm check in the amount of \$180.00. If the fee has been calculated incorrectly, the Commissioner is hereby authorized to charge any insufficiency of payment of the following fees associated with this communication, or credit any overpayment, to Deposit Account No. 23-2426 (40532-P001M4P1) in the name of Winstead Sechrest & Minick P.C.

**A duplicate copy of this transmittal letter is enclosed.**



Michael P. Adams  
Attorney for Applicant(s)  
Reg. No. 34,763

**CERTIFICATION UNDER 37 C.F.R. § 1.8**

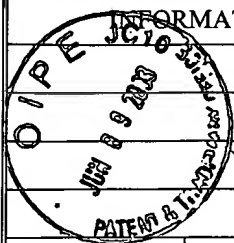
I hereby certify that this correspondence (along with any item referred to as being enclosed herewith) is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on June 6, 2003.



Signature

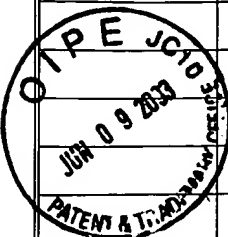
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40532-P001M4P1 06/03/2003

|  |     |                 |          |                |                 |          |                            |  |
|--|-----|-----------------|----------|----------------|-----------------|----------|----------------------------|--|
| U.S. Department of Commerce, Patent and Trademark Office |     |                 |          |                | Atty Docket No. |          | Serial No.                 |  |
|  |     |                 |          |                | 40532-P001M4P1  |          | 09/239,659                 |  |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT            |     |                 |          |                | Applicant(s)    |          |                            |  |
| (Use several sheets if necessary)                        |     |                 |          |                | Dye             |          |                            |  |
|  |     |                 |          |                | Filing Date     |          | Group                      |  |
|  |     |                 |          |                | 01/29/99        |          | 2187                       |  |
| U.S. Patent Documents                                    |     |                 |          |                |                 |          |                            |  |
| *Examiner Initial  |     | Document Number | Date     | Name           | Class           | Subclass | Filing Date If Appropriate |  |
|  | A1  | 5,771,011       | 6/23/98  | Masenas        |                 |          |                            |  |
|  | A2  | 5,652,878       | 7/29/97  | Craft          |                 |          |                            |  |
|  | A3  | 5,525,982       | 6/11/96  | Cheng et al.   |                 |          |                            |  |
|  | A4  | 5,136,289       | 8/4/92   | Yoshida et al. |                 |          |                            |  |
|  | A5  | 5,379,036       | 1/3/95   | Storer         |                 |          |                            |  |
|  | A6  | 4,876,541       | 10/24/89 | Storer         |                 |          |                            |  |
|  | A7  | 5,973,630       | 10/26/99 | Heath          |                 |          |                            |  |
|  | A8  | 5,956,372       | 9/21/99  | Vaman et al.   |                 |          |                            |  |
|  | A9  | 5,412,429       | 5/2/95   | Glover         |                 |          |                            |  |
|  | A10 | 5,526,363       | 6/11/96  | Weiss et al.   |                 |          |                            |  |
|  | A11 | 5,126,739       | 6/30/92  | Whiting et al. |                 |          |                            |  |
|  | A12 | 5,003,307       | 3/26/91  | Whiting et al. |                 |          |                            |  |
|  | A13 | 5,016,009       | 5/14/91  | Whiting et al. |                 |          |                            |  |
|  | A14 | 5,414,425       | 5/9/95   | Whiting et al. |                 |          |                            |  |
|  | A15 | 5,532,694       | 7/2/96   | Mayers et al.  |                 |          |                            |  |
|  | A16 | 5,506,580       | 4/9/96   | Whiting et al. |                 |          |                            |  |
|  | A17 | 5,463,390       | 10/31/95 | Whiting et al. |                 |          |                            |  |
|  | A18 | 5,414,850       | 5/9/95   | Whiting        |                 |          |                            |  |
|  | A19 | 5,146,221       | 9/8/92   | Whiting et al. |                 |          |                            |  |
|  | A20 | 5,936,560       | 8/10/99  | Higuchi        |                 |          |                            |  |
|  | A21 | 5,945,933       | 8/31/99  | Kalkstein      |                 |          |                            |  |
|  | A22 | 5,933,104       | 8/3/99   | Kimura         |                 |          |                            |  |
|  | A23 | 5,883,588       | 3/16/99  | Okamura        |                 |          |                            |  |
|  | A24 | 5,877,711       | 3/2/99   | Craft          |                 |          |                            |  |
|  | A25 | 5,874,908       | 2/23/99  | Craft          |                 |          |                            |  |
|  | A26 | 5,798,718       | 8/25/98  | Hadady         |                 |          |                            |  |
|  | A27 | 5,621,403       | 4/15/97  | Reznik         |                 |          |                            |  |
|  | A28 | 5,577,248       | 9/19/96  | Chambers IV    |                 |          |                            |  |
|  | A29 | 5,572,206       | 11/5/96  | Miller et al.  |                 |          |                            |  |
|  | A30 | 5,532,693       | 7/2/96   | Winters et al. |                 |          |                            |  |



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|   |     |            |                 |                 |       |          |             |
|---|-----|------------|-----------------|-----------------|-------|----------|-------------|
|   | A31 | 5,485,526  | 1/16/96         | Tobin           |       |          |             |
|   | A32 | 5,455,943  | 10/3/95         | Chambers IV     |       |          |             |
|   | A33 | 5,426,779  | 6/20/95         | Chambers IV     |       |          |             |
|   | A34 | 5,406,279  | 4/11/95         | Anderson et al. |       |          |             |
|   | A35 | 5,406,278  | 4/11/95         | Graybill et al. |       |          |             |
|   | A36 | 5,371,499  | 12/6/94         | Graybill et al. |       |          |             |
|   | A37 | 5,353,024  | 10/4/94         | Graybill        |       |          |             |
|   | A38 | 5,155,484  | 10/13/92        | Chambers IV     |       |          |             |
|   | A39 | 6,208,273  | 3/27/01         | Dye             |       |          |             |
|   | A40 | 6,145,069  | 11/7/00         | Dye             |       |          |             |
|   | A41 | 6,170,047  | 1/01            | Dye             |       |          |             |
|   | A42 | 08/463,106 | 6/5/95          | Dye             |       |          |             |
|   | A43 | 60/144,125 | 7/16/99         | Dye             |       |          |             |
|   | A44 | 09/491,343 | 1/26/00         | Dye             |       |          |             |
|   | A45 | 09/818,283 | 3/27/01         | Dye             |       |          |             |
|   | A46 | 6,173,381  | 1/9/01          | Dye             |       |          |             |
|   | A47 | 6,067,098  | 5/23/00         | Dye             |       |          |             |
| Foreign Patent Documents  |     |            |                 |                 |       |          |             |
|   |     |            |                 |                 |       |          | Translation |
|   |     | Document   | Date            | Country         | Class | Subclass | Yes No      |
|   | B1  |            |                 |                 |       |          |             |
| OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  |     |            |                 |                 |       |          |             |
|   | C1  |            |                 |                 |       |          |             |
| Examiner  |     |            | Date Considered |                 |       |          |             |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant. |     |            |                 |                 |       |          |             |



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